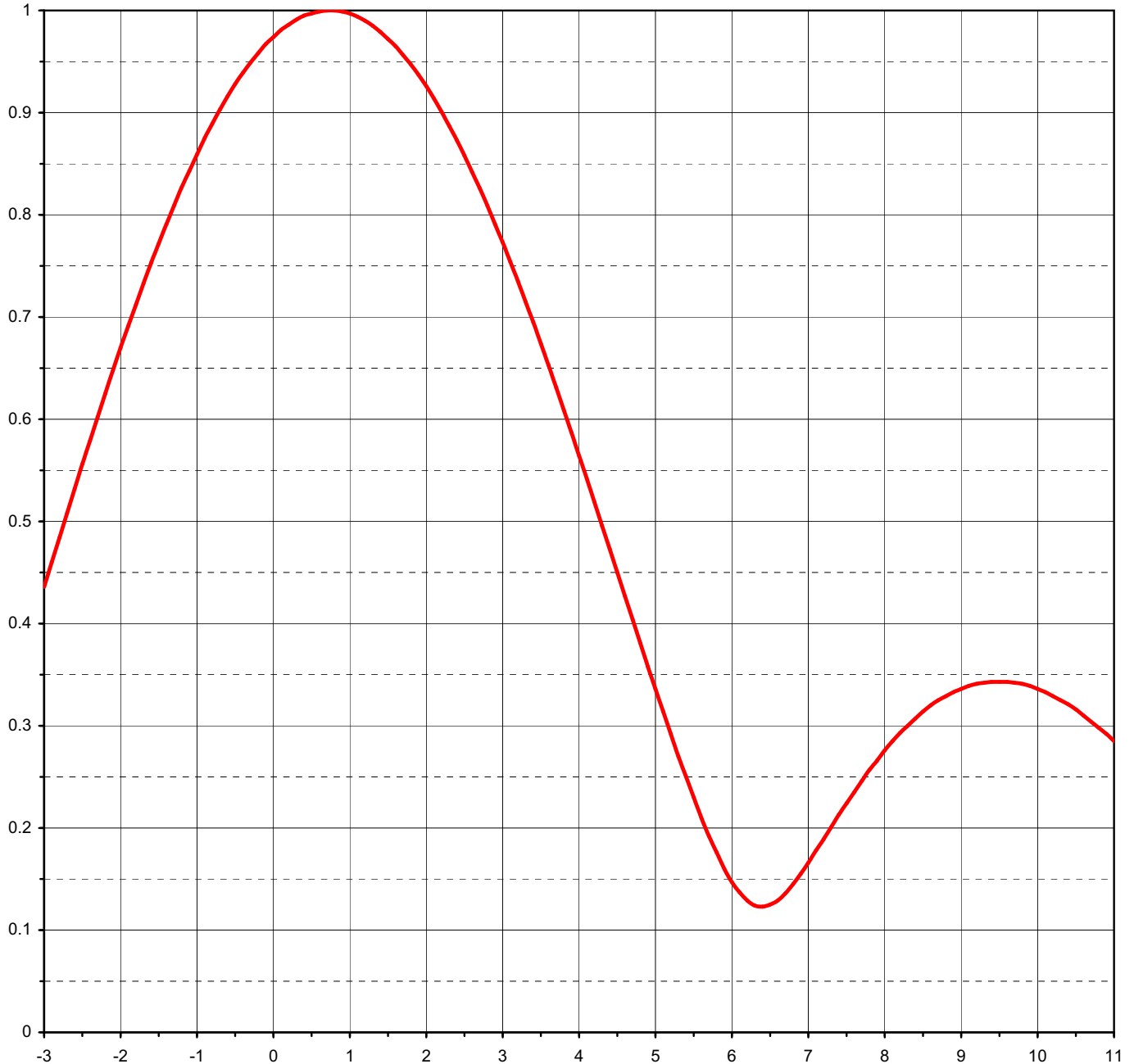




Proposal Number	<b>C-01794</b>	
Date	<b>14-Aug-07</b>	
Call Letters	<b>WWMT-DT</b>	Channel <b>8</b>
Location	<b>Kalamazoo, MI</b>	
Customer		
Antenna Type	<b>TLS-V8-R S170</b>	

## ELEVATION PATTERN

RMS Gain at Main Lobe	<b>8.00 ( 9.03 dB )</b>	Beam Tilt	<b>0.75 deg</b>
RMS Gain at Horizontal	<b>7.60 ( 8.81 dB )</b>	Frequency	<b>183.00 MHz</b>
Calculated / Measured	<b>Calculated</b>	Drawing #	<b>08LS080075</b>



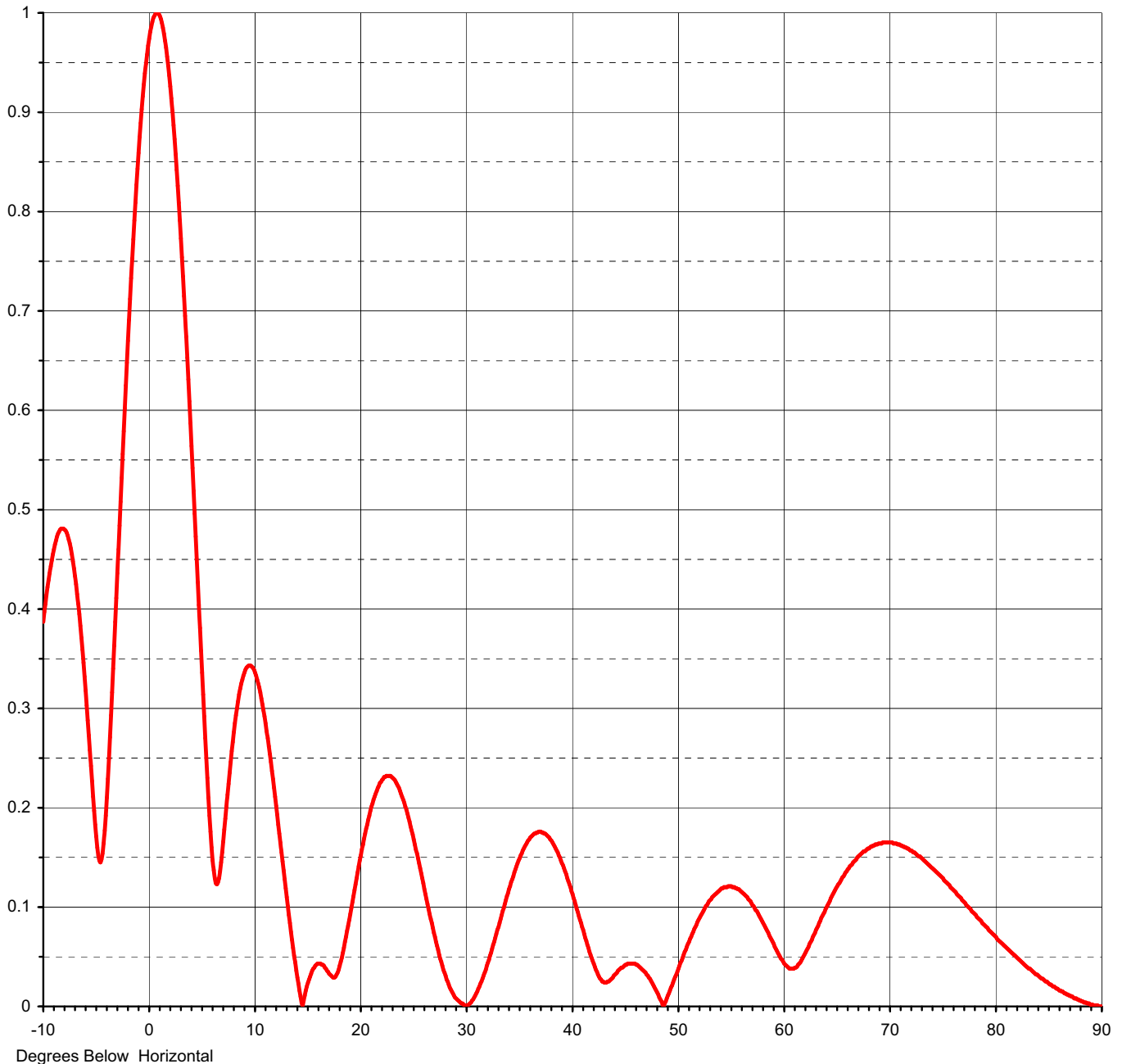
Degrees Below Horizontal



Proposal Number	<b>C-01794</b>		
Date	<b>14-Aug-07</b>		
Call Letters	<b>WWMT-DT</b>	Channel	<b>8</b>
Location	<b>Kalamazoo, MI</b>		
Customer			
Antenna Type	<b>TLS-V8-R S170</b>		

## ELEVATION PATTERN

RMS Gain at Main Lobe	<b>8.00</b>	<b>( 9.03 dB )</b>	Beam Tilt	<b>0.75 deg</b>
RMS Gain at Horizontal	<b>7.60</b>	<b>( 8.81 dB )</b>	Frequency	<b>183.00 MHz</b>
Calculated / Measured	<b>Calculated</b>		Drawing #	<b>08LS080075-90</b>





Proposal Number **C-01794**  
Date **14-Aug-07**  
Call Letters **WWMT-DT** Channel **8**  
Location **Kalamazoo, MI**  
Customer  
Antenna Type **TLS-V8-R S170**

## TABULATION OF ELEVATION PATTERN

Elevation Pattern Drawing #: **08LS080075-90**

Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field	Angle	Field
-10.0	0.387	2.4	0.873	10.6	0.316	30.5	0.004	51.0	0.063	71.5	0.160
-9.5	0.429	2.6	0.842	10.8	0.304	31.0	0.013	51.5	0.075	72.0	0.157
-9.0	0.460	2.8	0.809	11.0	0.292	31.5	0.025	52.0	0.087	72.5	0.153
-8.5	0.478	3.0	0.773	11.5	0.254	32.0	0.041	52.5	0.097	73.0	0.149
-8.0	0.480	3.2	0.735	12.0	0.211	32.5	0.058	53.0	0.106	73.5	0.144
-7.5	0.466	3.4	0.695	12.5	0.165	33.0	0.077	53.5	0.112	74.0	0.139
-7.0	0.433	3.6	0.653	13.0	0.119	33.5	0.096	54.0	0.117	74.5	0.134
-6.5	0.383	3.8	0.609	13.5	0.075	34.0	0.114	54.5	0.120	75.0	0.129
-6.0	0.318	4.0	0.564	14.0	0.036	34.5	0.131	55.0	0.121	75.5	0.123
-5.5	0.242	4.2	0.519	14.5	0.004	35.0	0.147	55.5	0.119	76.0	0.117
-5.0	0.171	4.4	0.473	15.0	0.020	35.5	0.159	56.0	0.116	76.5	0.111
-4.5	0.148	4.6	0.427	15.5	0.036	36.0	0.168	56.5	0.111	77.0	0.105
-4.0	0.210	4.8	0.381	16.0	0.043	36.5	0.174	57.0	0.104	77.5	0.099
-3.5	0.316	5.0	0.336	16.5	0.042	37.0	0.176	57.5	0.096	78.0	0.093
-3.0	0.436	5.2	0.292	17.0	0.035	37.5	0.174	58.0	0.086	78.5	0.087
-2.8	0.484	5.4	0.250	17.5	0.029	38.0	0.168	58.5	0.076	79.0	0.081
-2.6	0.532	5.6	0.210	18.0	0.037	38.5	0.159	59.0	0.065	79.5	0.075
-2.4	0.579	5.8	0.176	18.5	0.059	39.0	0.147	59.5	0.054	80.0	0.070
-2.2	0.625	6.0	0.147	19.0	0.087	39.5	0.133	60.0	0.045	80.5	0.064
-2.0	0.670	6.2	0.129	19.5	0.117	40.0	0.116	60.5	0.039	81.0	0.059
-1.8	0.712	6.4	0.123	20.0	0.147	40.5	0.098	61.0	0.038	81.5	0.054
-1.6	0.753	6.6	0.129	20.5	0.174	41.0	0.080	61.5	0.043	82.0	0.049
-1.4	0.791	6.8	0.145	21.0	0.197	41.5	0.062	62.0	0.052	82.5	0.044
-1.2	0.827	7.0	0.166	21.5	0.214	42.0	0.046	62.5	0.063	83.0	0.039
-1.0	0.859	7.2	0.189	22.0	0.226	42.5	0.032	63.0	0.074	83.5	0.035
-0.8	0.889	7.4	0.213	22.5	0.232	43.0	0.025	63.5	0.086	84.0	0.031
-0.6	0.916	7.6	0.235	23.0	0.231	43.5	0.025	64.0	0.098	84.5	0.027
-0.4	0.939	7.8	0.257	23.5	0.224	44.0	0.031	64.5	0.111	85.0	0.023
-0.2	0.958	8.0	0.276	24.0	0.211	44.5	0.037	65.0	0.121	85.5	0.020
0.0	0.974	8.2	0.293	24.5	0.194	45.0	0.041	65.5	0.130	86.0	0.016
0.2	0.986	8.4	0.307	25.0	0.173	45.5	0.043	66.0	0.138	86.5	0.013
0.4	0.995	8.6	0.320	25.5	0.149	46.0	0.043	66.5	0.145	87.0	0.011
0.6	0.999	8.8	0.329	26.0	0.124	46.5	0.039	67.0	0.151	87.5	0.008
0.8	1.000	9.0	0.336	26.5	0.098	47.0	0.034	67.5	0.156	88.0	0.006
1.0	0.997	9.2	0.341	27.0	0.074	47.5	0.026	68.0	0.159	88.5	0.004
1.2	0.990	9.4	0.343	27.5	0.052	48.0	0.016	68.5	0.162	89.0	0.002
1.4	0.979	9.6	0.343	28.0	0.034	48.5	0.005	69.0	0.164	89.5	0.001
1.6	0.965	9.8	0.342	28.5	0.019	49.0	0.008	69.5	0.165	90.0	0.000
1.8	0.947	10.0	0.339	29.0	0.009	49.5	0.021	70.0	0.165		
2.0	0.926	10.2	0.333	29.5	0.004	50.0	0.035	70.5	0.164		
2.2	0.901	10.4	0.325	30.0	0.001	50.5	0.049	71.0	0.162		

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